

CLAIMS

1. A mobile station apparatus comprising:
 - a generator that generates a downlink channel quality indicator based on reception quality of a received
5 signal;
 - a transmitter that transmits the downlink channel quality indicator;
 - a detector that detects a change timing a base station apparatus of a destination of the downlink channel quality
10 indicator changes from a first base station apparatus to a second base station apparatus; and
 - a controller that controls one or both of the generating process in the generator and the transmission process in the transmitter according to a detection timing
15 in the detector, when the change timing comes between a measurement start timing of the reception quality and a transmission end timing of the downlink channel quality indicator.
2. The mobile station apparatus of claim 1, wherein,
20 when the detection timing comes before the measurement start timing, the controller has the generator generate the downlink channel quality indicator for the second base station apparatus and has the transmitter transmit the downlink channel quality indicator to the second base
25 station apparatus.
3. The mobile station apparatus of claim 1, wherein, when the detection timing comes between the measurement

start timing and the transmission end timing, the controller has the transmitter stop transmitting the downlink channel quality indicator.

4. A channel quality indicator control method
- 5 comprising the steps of:
- (a) generating a downlink channel quality indicator based on reception quality of a received signal;
 - (b) transmitting the downlink channel quality indicator;
 - 10 (c) detecting a change timing a base station apparatus of a destination of the downlink channel quality indicator changes from a first base station apparatus to a second base station apparatus; and
 - (d) controlling one or both of the step (a) and the
 - 15 step (b) according to a detection timing in the step (c), when the change timing comes between a measurement start timing of the reception quality and a transmission end timing of the downlink channel quality indicator.